

CHELSEA
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	16.32	11	67	Male	9.68	6	62
Female	6.00	1	NC*	Female	7.74	7	90
Total	22.32	12	54 #-	Total	17.42	13	75
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	5.48	6	110	Male	2.95	4	NC*
Female	4.67	4	NC*	Female	2.67	3	NC*
Total	10.15	10	99	Total	5.62	7	125
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	1.03	0	NC*	Male	13.23	22	166 #+
Female	93.56	76	81	Female	11.33	10	88
Total	94.59	76	80	Total	24.56	32	130
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	6.54	8	122	Male	10.04	22	219 ~+
				Female	4.91	8	163
				Total	14.95	30	201 ^+
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	40.93	65	159 ^+	Female	11.41	12	105
Female	38.87	42	108				
Total	79.80	107	134 ~+				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	5.56	12	216 #+	Male	5.99	2	NC*
Female	1.98	4	NC*	Female	6.29	13	207 #+
Total	7.53	16	212 ~+	Total	12.29	15	122
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	2.98	4	NC*	Male	94.85	89	94
Female	2.32	1	NC*				
Total	5.29	5	94				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	9.03	10	111	Male	6.98	9	129
Female	5.42	11	203 #+	Female	4.24	6	142
Total	14.45	21	145	Total	11.22	15	134
<u>Larynx</u>				<u>Testis</u>			
Male	5.29	9	170	Male	4.46	4	NC*

Female	1.44	3	NC*				
Total	6.72	12	178				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	7.29	6	82	Male	2.04	4	NC*
Female	5.51	5	91	Female	5.48	4	NC*
Total	12.79	11	86	Total	7.51	8	106
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	3.13	5	160				
Female	1.32	4	NC*	Female	17.55	17	97
Total	4.45	9	202				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	50.12	85	170 ^+	Male	320.47	401	125 ^+
Female	37.01	60	162 ^+	Female	298.67	331	111
Total	87.13	145	166 ^+	Total	619.14	732	118 ^+

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels